



DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. DSI 9268	REV. B SHEET 1 OF 2
DATE 03.11.19		TITLE BASKET MODIFICATION KIT SCALE NTS	
A	03.10.24	NEW ISSUE	
B	03.11.19	CHANGE ORIENTATION OF WEDGE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-541 REV. E

REF. CANADIAN STC: SH96-120

REF. FAA STC: SR00696NY

THE PURPOSE OF THE DSI 9268-011 BASKET MODIFICATION KIT IS TO INCREASE THE VOLUME OF THE D205-541-043/-044 BASKETS. NOTE THAT D205-541-041 BASKETS MUST BE CONVERTED INTO D205-541-043/-044 PER DSI 9226 BEFORE PERFORMING THIS MODIFICATION.

TO INSTALL THE DSI 9268-011 KIT:

- 1) SEPARATE LID FROM BASE. FOR BASKETS WITH PIANO HINGES, REMOVE D2569 HINGE AND PLUG HOLES WITH RIVETS. INSTALL DSI 9052-011 HINGE CHANGE KIT, EXCEPT INSTALL D2332-3 ON D3230-041 BASKET WEDGE ASSEMBLY INSTEAD OF ON BASKET BASE. FOR BASKETS WITH DSI 9052-011 HINGE CHANGE KIT ALREADY INSTALLED, MOVE D2332-3 TO D3230-041 BASKET WEDGE ASSEMBLY. FOR BASKETS WITH HINGE PLATES WELDED TO LID & BASE, SIMPLY INSTALL D2332-3 ON D3230-041 BASKET WEDGE ASSEMBLY, OMITTING THE EXTRA WASHERS BETWEEN THE D2332-3 HINGE PLATE & D3230-041.
- 2) ATTACH LID TO D3230-041 BASKET WEDGE ASSEMBLY. MOVE D2332-041 PROP ASSEMBLY FROM BASKET BASE TO WEDGE ASSEMBLY PER FIGURE 1.
- 3) LOCATE D3230-041 BASKET WEDGE ASSEMBLY COMPLETE WITH BASKET LID ON THE EXISTING BASKET BASE. TEMPORARILY CLAMP IN PLACE AND CHECK FOR PROPER LATCHING OF THE EXISTING LID WITH THE WEDGE. ADJUST LOCATION OF WEDGE ASSEMBLY TO ENSURE PROPER LATCHING. SHIM AS REQUIRED TO ENSURE PROPER LATCHING.
- 4) TRANSFER LOCATION OF 1/4" ATTACHMENT HOLES FROM WEDGE TO EXISTING BASE.
- 5) REMOVE WEDGE AND DRILL Ø0.266" HOLES THROUGH THE EXISTING BASE. DEBURR HOLES.
- 6) INSTALL WEDGE USING AN4-17A BOLTS, AN960JD416 WASHERS, AND MS21042L4 NUTS PROVIDED (5 PLACES TOTAL). NOTE THAT THE BOLTS IN SOME LOCATIONS MAY HAVE TO BE INSTALLED WITH THE NUTS ON TOP BECAUSE OF CLEARANCE ISSUES.
- 7) ADJUST WEIGHT AND BALANCE AS FOLLOWS:

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
DSI 9268-011	20 lb	± 63.13 in	± 1263 in-lb	132.25 in	2645 in-lb
Basket Modification Kit	9 kg	± 1.60 m	± 14.4 m-kG	3.36 m	30 m-kG

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 03.10.24
CERT. NO.: SH96-120
ISSUE NO.: 2

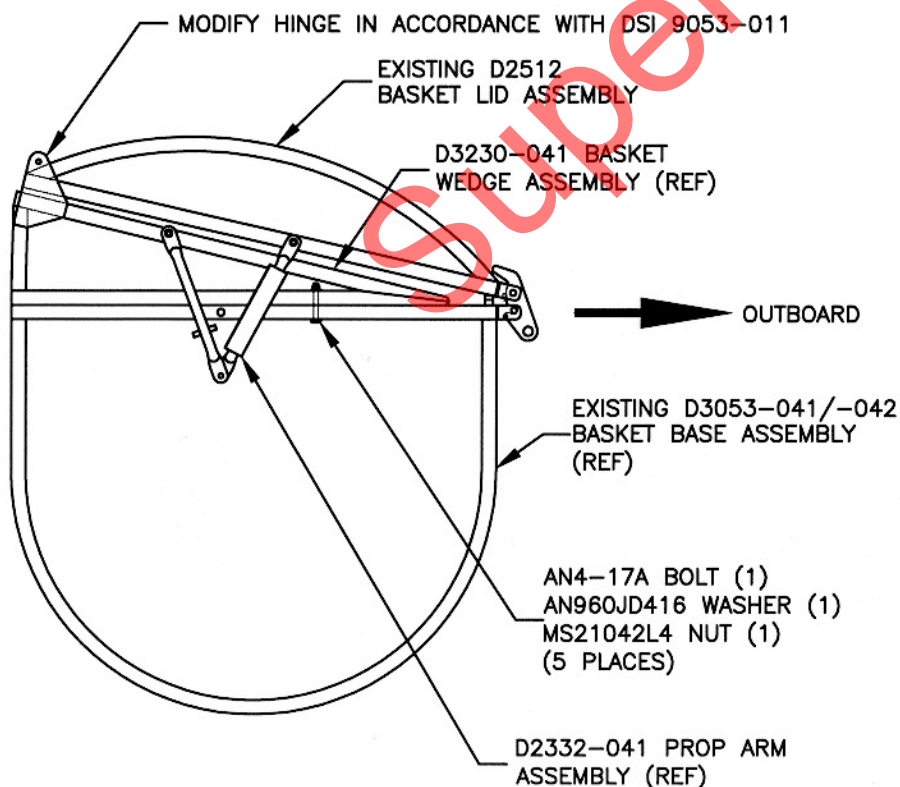
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DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9268	REV. B SHEET 2 OF 2
DATE 03.11.19		TITLE BASKET MODIFICATION KIT	SCALE NTS

QTY -011	P/N	DESCRIPTION
X	DSI 9268-011	BASKET MODIFICATION KIT
1	D3230-041	BASKET WEDGE ASSEMBLY
1	DSI 9053-011	HINGE CHANGE KIT
5	AN4-17A	BOLT
5	AN960JD416	WASHER
5	MS21042L4	NUT



CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

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